

## **Notes from WWA Setup (Admin Interface) Extension Meeting**

Date: June 28, 2002

Team members present: Mark McInerney, Cece Mitchell

Mark and Cece met to discuss the requirements of the WWA Admin Interface, commonly known as the WWA Setup.

### **Issues Pointed Out by Mark**

TogetherSoft has been upgraded to version 6.0 and an account needs to be established for Cece before she can use it.

A hard copy of the current Admin Interface GUI needs to be marked up to indicate those areas that need to be kept or eliminated.

Flat Files: need to consider sharing violations, i.e. that other people may be using the system at the same time that files need to be edited. For Example, a file is read in at startup; constantly updated?

Need the ability to start and stop the wwaServer from the Admin GUI.

Need a way to launch the WWA Admin from the WWA Client and/ or the Desktop pull-down menu. Could check to see if the Server is running then give the user the option to start Admin from which the server could be started.

Need a monitoring tool to make sure that the wwaServer is running when the Client is started (other applications could be running also).

Merge functionality (discussed in the previous meeting) could start off being a visual diff, i.e. a split GUI window that highlights the differences between the two files.

Need to keep in mind that the design may change during the development.

Mark suggested using a tool called the Visual Tcl Package (Vtcl) that is a good learning tool for Tcl, although he does not recommend using it for development because it is limited. It is a great learning tool because it generates into a "tclet" (sp?) that has callbacks that need to be filled in. This is similar to a tool named iLog Views that Cece used for a few years to do GUI development for a different company. Mark has used Vtcl and thinks that it could cause problems if used for the entire development effort. For example, if Vtcl is used to generate code, the code does not port very well.

### **VIP Software as an Example**

Mark and Cece discussed the following functionality performed by the VIP GUI that Mark coded using Tcl. It has functionality similar to that which needs to be built into the WWA Admin

tool.

The WWA Admin needs to have log viewer functionality, therefore need to identify what types of files a user would need to list. Functionality similar to this is performed by the VIP software and is available to be used as an example.

The VIP also has the functionality of right-clicking on a list item to bring up a menu. This functionality could also be used as an example for doing Print Log, Email Log (i.e. `/usr/sbin/sendmail Cece.Mitchell@noaa.gov < filename.txt`), or Save As functionality. VIP also has functionality to save to a floppy diskette that may be able to be borrowed at some point.

The VIP software has Help menu functionality that could be borrowed. The user could eventually upgrade the software using a method that is started from there.

The VIP software has a Systems Settings button on the initial display that reads an existing flat file and displays the settings in a GUI window. The user is allowed to make changes to the file using the GUI window that is displayed. There is also a selection on the Options menu that allows the user to Set Recommended Values. This functionality can be used as example Tcl code to do the Flat File functionality that needs to be performed by the WWA Admin tool.

Mark gave Cece a demonstration of the VIP software in the lab on the sixth floor the next working day July 1, 2002 that included identifying the location of the source code and how to start the system.